ABSTRACT

A vascular reinforcement device and method reduces increased vascular pressure of a vein in the presence of forces applied externally to the vein. The device is arranged to continuously overlie of a vein and has a longitudinal dimension and a cross-sectional dimension. The longitudinal dimension is greater than the cross-sectional dimension and is flexible while the cross-sectional dimension of the device is resistant to change. The device is deployed so as to overlie a wall of the vein. The device and method find particular advantageous application for treating preeclampsia or hypertension associated with obesity.